Foreword

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Soil Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

An error is associated with each forecast, and this error decreases as the season progresses and more data becomes available. To express the range of error that can be expected, "most probable" forecasts are issued along with a range representing a "reasonable minimum" and a "reasonable maximum". Actual streamflow can be expected to fall within this range in eight out of ten years. Additionally two specific scenarios are provided based on the assumption that subsequent precipitation will be "wet", above average, or "dry", below average.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola Ave., Suite 200, Phoenix, AZ 85012
Colorado	2490 West 26th Ave., Building A, 3rd floor, Denver, CO 80211
Idaho	3244 Elder Street, Room 124, Boise, ID 83705
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 87102-3157
Oregon	1220 Southwest 3rd Ave., Room 1640, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	W. 920 Riverside, Room 360, Spokane, WA 99201-1080
Wyoming	Federal Building, 100 "B" Street, Room 3124, Casper, WY 82601

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 248, Portland, OR 97209-3489.

Water supply reports published by other agencies:

California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A3V1; Alberta, Environment Technical Services Division, 9820 106th St., Edmonton, Alberta T5K 2J6.

New Mexico
Water Supply Outlook

and

Federal — State — Private
Cooperative Snow Surveys

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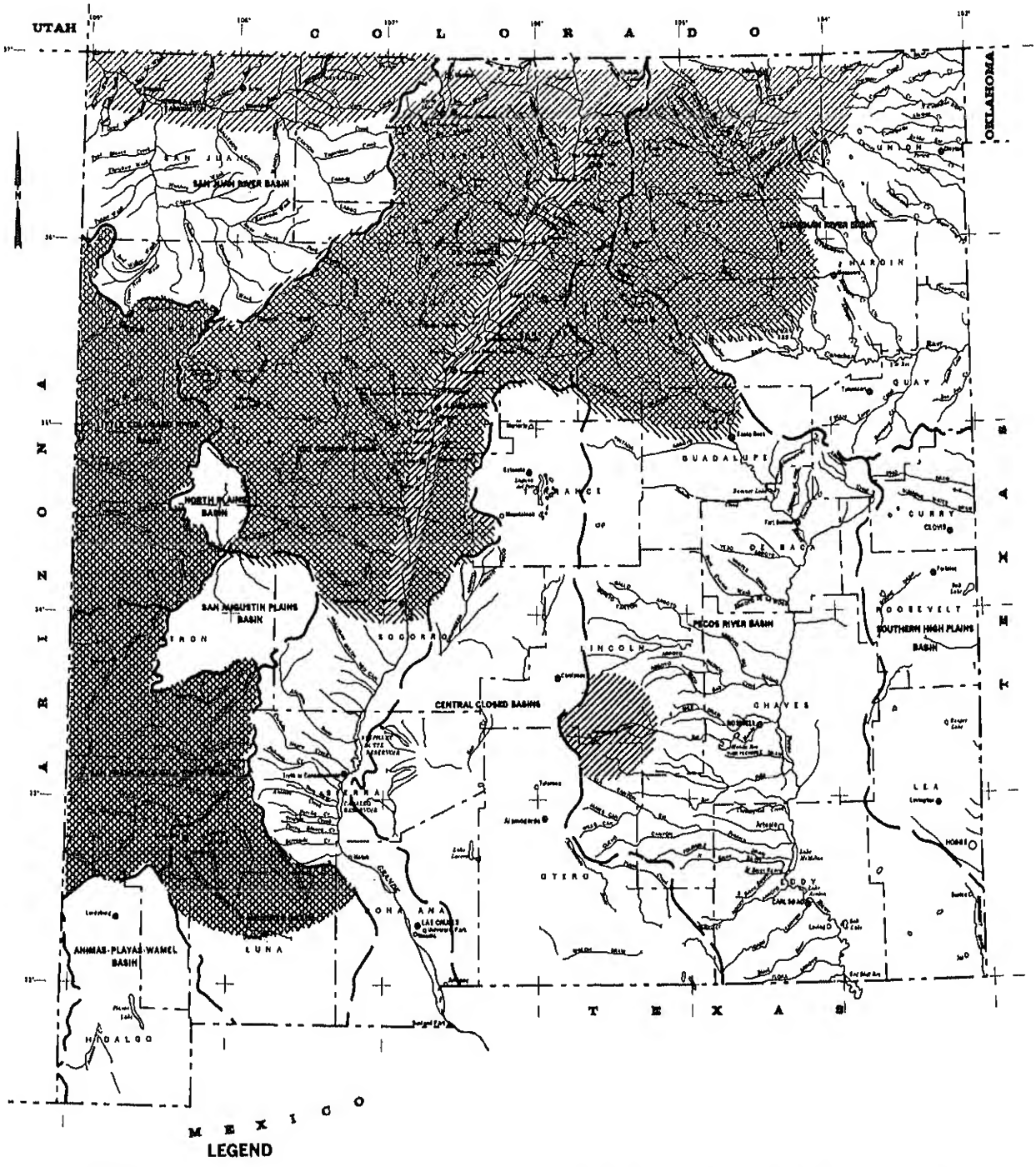
U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE



LEGEND

- MUCH ABOVE AVERAGE
- ABOVE AVERAGE
- NEAR AVERAGE
- BELOW AVERAGE
- MUCH BELOW AVERAGE
- NOT FORECAST
- BASIN BOUNDARY

STREAMFLOW PROSPECTS

NEW MEXICO

0 25 50 75 100 MI

0 50 100 150 KM

SOURCE: Data compiled by SCS Field Personnel.

REVISED OCTOBER 1988 1003087

USDA-SCS-NATIONAL CARTOGRAPHIC CENTER, FT. WORTH, TX.-1988

GENERAL OUTLOOK

SUMMARY

END OF THE MONTH SNOW SURVEYS INDICATE NEAR NORMAL SNOWPACK CONDITIONS OVER MOST OF THE NORTHERN HALF OF THE STATE. THE EXCEPTION WAS THE PECOS RIVER BASIN WITH ONLY 63 PERCENT OF AVERAGE. THE SOUTHWEST PART OF THE STATE CONTINUES TO BE MUCH BELOW NORMAL. THE MIMBRES BASIN HAS THE LOWEST SNOWPACK AT 60 PERCENT OF NORMAL FOR THIS TIME OF YEAR. A MAJOR STORM MOVED INTO NORTHERN NEW MEXICO ON FEBRUARY 3. DURING THE NEXT THREE DAYS, IT DEPOSITED HEAVY AMOUNTS OF SNOW OVER MOST OF THE NORTHERN MOUNTAINS. REPORTS OF SNOW-FALL EXCEEDING FOUR TO SIX FEET ARE COMMON AT THE HIGHER ELEVATIONS. DEPTHS OF ONE TO THREE FEET ARE REPORTED AT LOWER ELEVATIONS. THE SOUTHERN PART OF NEW MEXICO DID NOT BENEFIT AS MUCH FROM THIS STORM.

SNOWPACK

Accumulation of the winter snowpack continued at a very slow pace through January. The latest snow surveys indicate that conditions range from 60 percent of average in the Mimbres River Basin to a high of 122 percent of average in the Little Colorado River Basin in the Chuska Mountains. According to data from the SNOTEL sites located in the Northern Mountains, this number has now been exceeded. The Sangre De Cristo Mountains is now reported at 147 percent of average as a result of a major storm in the area on February 3-6, 1989.

PRECIPITATION

Precipitation across the State for the month of January ranged from 55 percent of average in the Mimbres River Basin to 147 percent of average in the upper part of the Pecos River Basin. The above average precipitation for the month in some Basins did not bring the totals for the Water Year up to average. Statewide precipitation totals for the Water Year range from 59 percent of average in the Mimbres River Basin to 97 percent of average in the Canadian River Basin.

RESERVOIRS

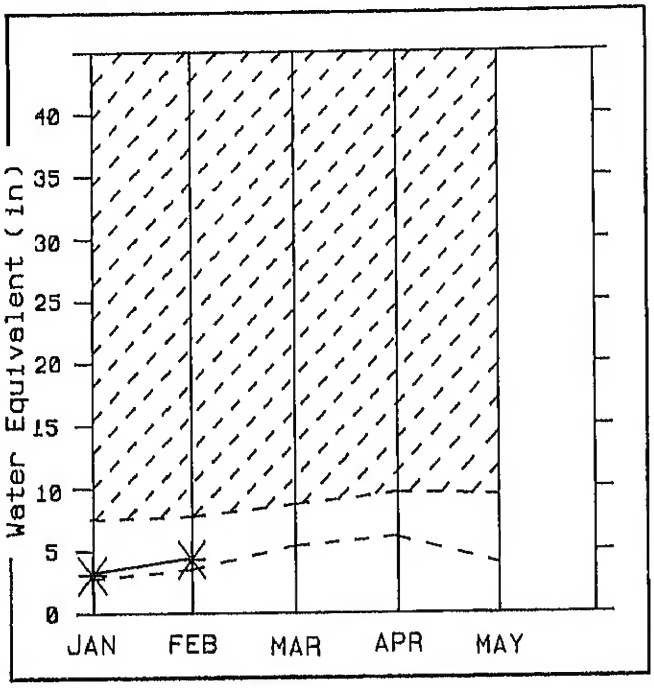
Reservoir storage in the thirteen westwide reservoirs in New Mexico at the end of January remains at 211 percent of average. Storage by basins ranges from 107 percent of average in the Pecos River Basin to 300 percent of average in the Rio Grande Basin.

STREAMFLOW

Streamflow volume forecasts on the Rio Grande Mainstem are for above average flows. Most forecasts for the Rio Grande tributaries in New Mexico range from near average to above average for the March-July forecast period. Forecasts for the Pecos, Canadian, and San Juan River Basins remain in the near normal range. The San Francisco - Gila River Basin, Mimbres, and Little Colorado River Basins remain in the below average to much below average range.

Canadian River Basin

Mountain snowpack* (inches)



*Based on selected stations

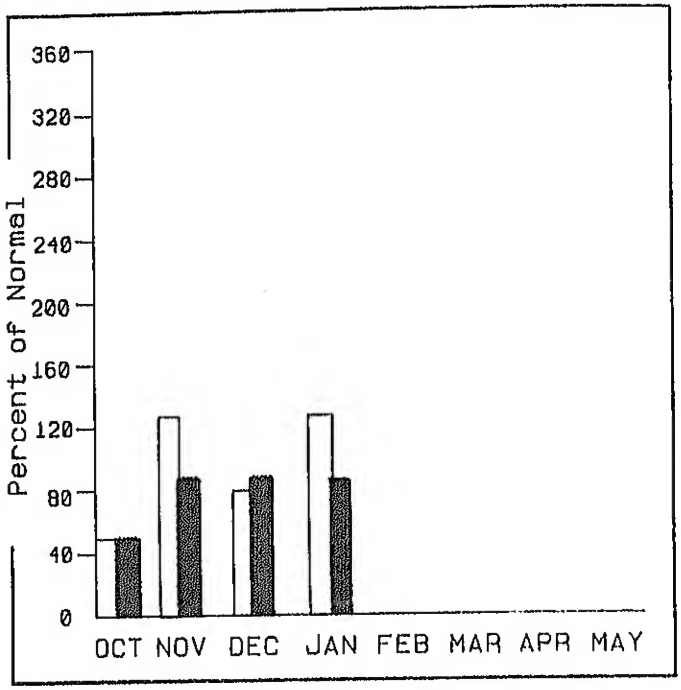
Maximum

Minimum

Average

Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK

Streamflow volume forecasts for the March-June period have increased across the Basin. They now range fron 98 percent of average on the Mora River near Golondrinas to 118 percent of average on the Vermejo River near Dawson.

For more information contact your local Soil Conservation Service office.

CANADIAN RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
VERMEJO RIVER nr Dawson	MAR-JUN	6.0	118	7.0	5.0	10.9	2.3	5.1
CIMARRON RIVER blw Eagle Nest Dam 2	MAR-JUN	10.5	107	13.5	7.5	16.6	4.4	9.8
CIMARRON RIVER nr Cimarron 2	MAR-JUN	15.5	109	19.3	11.7	25	6.4	14.2
MORA RIVER nr Golondrinas	MAR-JUN	11.5	98	12.1	10.9	22	4.6	11.7
CANADIAN RIVER nr Sanchez 2	MAR-JUN	56	104	67	45	100	23	54

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
CONCHAS	330.0	265.5	289.0	187.4

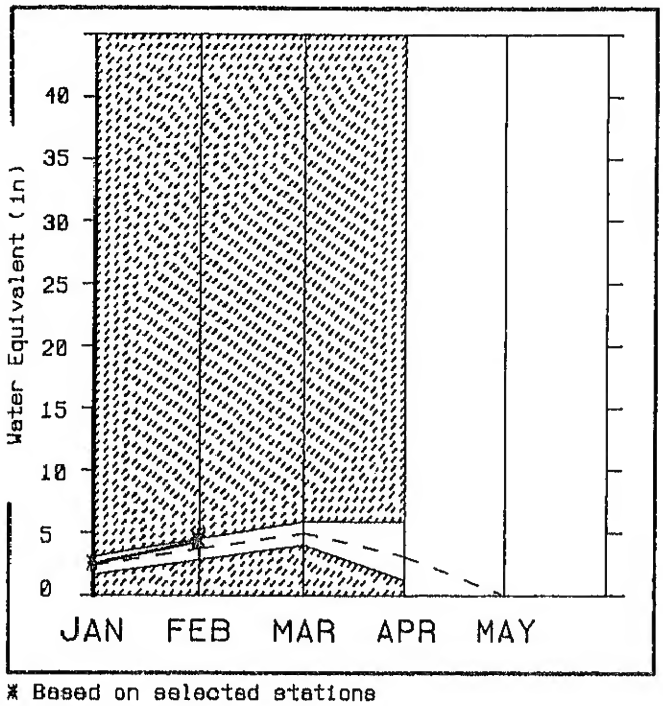
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
CANADIAN RIVER BASIN	6	105	111

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Little Colorado River Basin

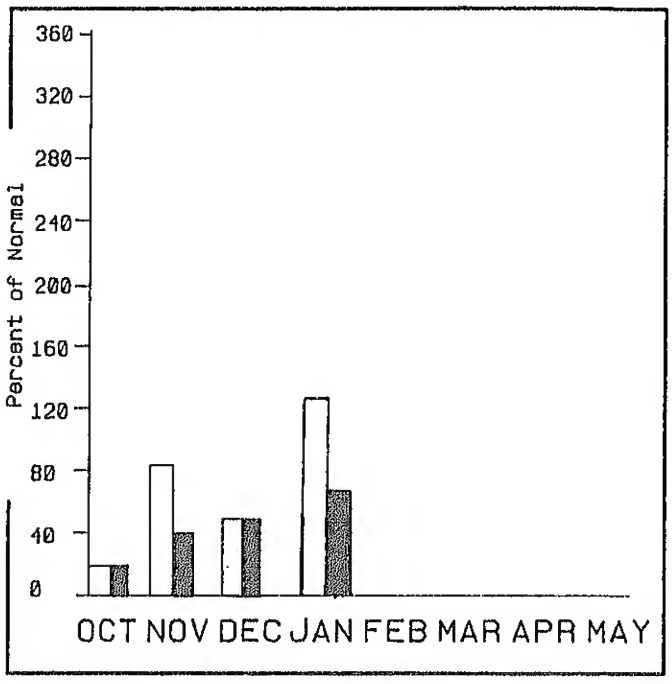
Mountain snowpack* (inches)



* Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



* Based on selected stations

Monthly precipitation
Year to date precipitation

WATER SUPPLY OUTLOOK

Streamflow volume forecasts for the Basin have improved but remain in the much below average range. Snowpack conditions have improved to near average but low soil moisture conditions may reduce the volume expected to run off. Estimated reservoir storage at the end of January ranges from 40 percent of capacity in Nutria No. 3 to 90 percent of capacity in the Nutria Irrigation Reservoir.

For more information contact your local Soil Conservation Service office.

LITTLE COLORADO RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
RIO NUTRIA nr Ramah abv Upper Nutria	FEB-MAY	3.4	67	4.5	2.3	8.2	1.4	5.1
ZUNI R abv Black Rock Res 2	FEB-MAY	2.5	27	6.0	1.2	11.1	1.0	9.2

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.

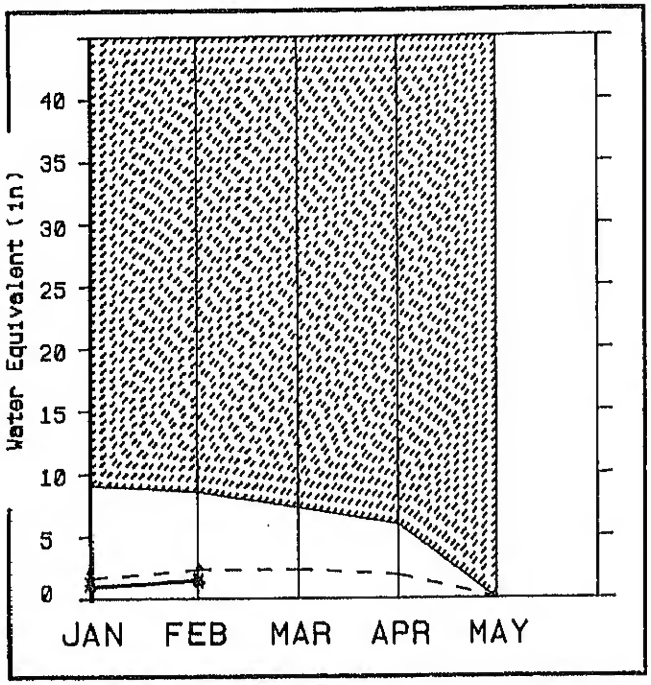
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
LITTLE COLORADO RIVER BAS	6	87	122

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Mimbres River Basin

Mountain snowpack* (inches)

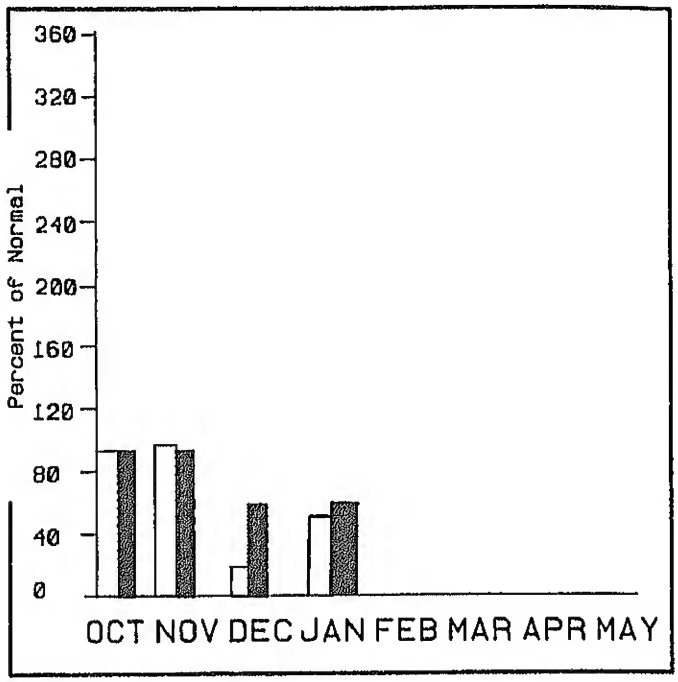


* Based on selected stations

Maximum ▨ Average - - -

Minimum ▨ Current *——*

Precipitation* (percent of normal)



* Based on selected stations

Monthly precipitation ▯ Year to date precipitation ▮

WATER SUPPLY OUTLOOK

Snowpack conditions in the Basin are still much below average. Assuming normal precipitation for the remainder of the season, the forecast streamflow volume on the Mimbres River is for 58 percent of average during the Jan-May period. Irrigation water supplies may not be adequate this spring.

For more information contact your local Soil Conservation Service office.

MIMBRES RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
MIMBRES RIVER at Mimbres	FEB-MAY	2.8	58	4.5	1.1	8.8	1.1	4.8

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.

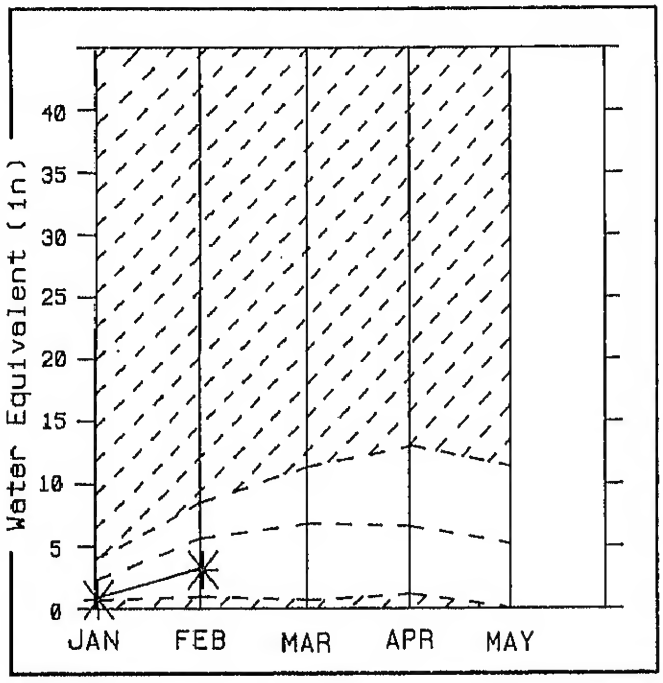
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
MIMBRES RIVER BASIN	3	38	60

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Pecos River Basin

Mountain snowpack* (inches)



*Based on selected stations

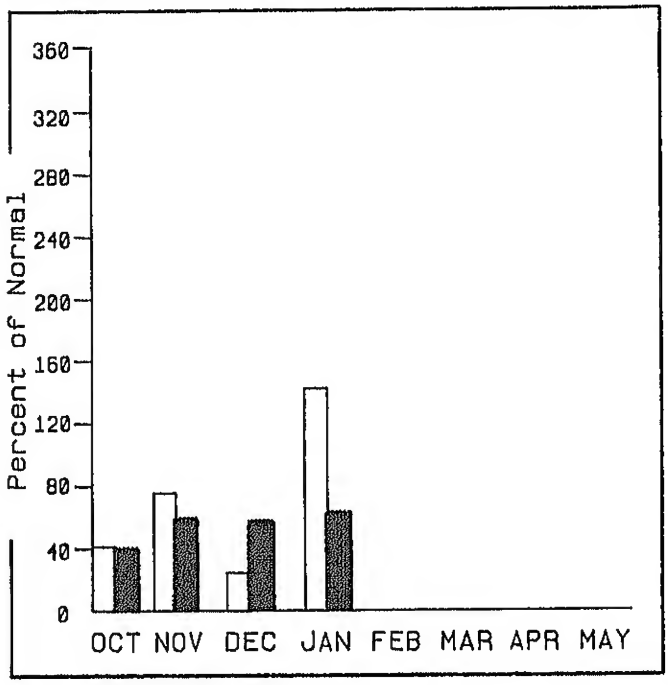
Maximum

Minimum

Average

Current

Preciptation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK

Streamflow volume forecasts for the Basin remain in the near normal range. The Upper Basin ranges from 92 percent of average to 94 percent of average. The Rio Ruidoso in the Lower Basin has the highest forecast at 97 percent of average.

For more information contact your local Soil Conservation Service office.

PECOS RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
GALLINAS CREEK nr Montezuma	MAR-JUL	7.0	93			19.9	2.8	7.5
PECOS RIVER nr Pecos	MAR-JUL	46	94	48	43	87	19.1	49
PECOS RIVER nr Anton Chico	MAR-JUL	47	92	50	45	90	18.9	51
RIO RUIDOSO at Hollywood	MAR-JUN	6.0	97	7.4	4.6	11.2	2.5	6.2

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
LAKE AVALON	6.0	0.1	3.8	3.5
LAKE McMILLAN	34.0	10.0	21.0	17.6
SANTA ROSA	447.0	82.0	111.5	22.6
SUMNER	102.0	17.0	38.0	58.0

WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
PECOS RIVER BASIN	6	62	63

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
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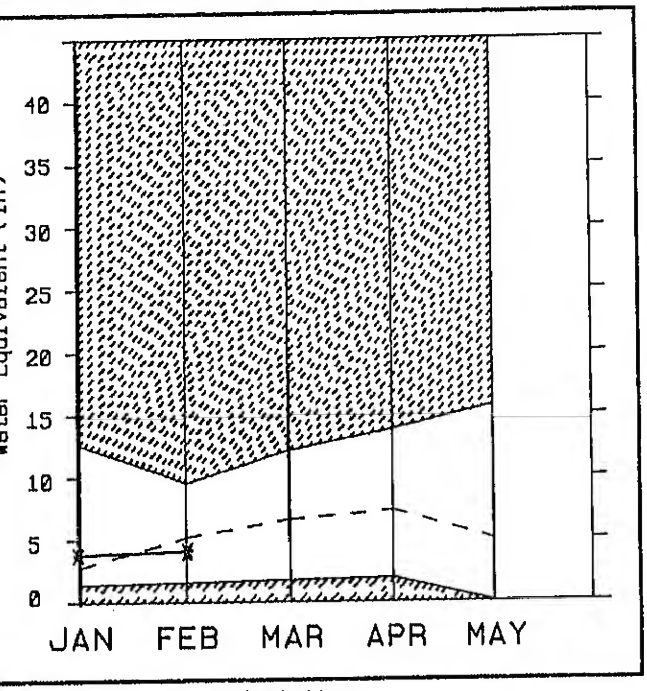
(2) - Corrected for upstream diversions or changes in reservoir storage.

Rio Grande Basin

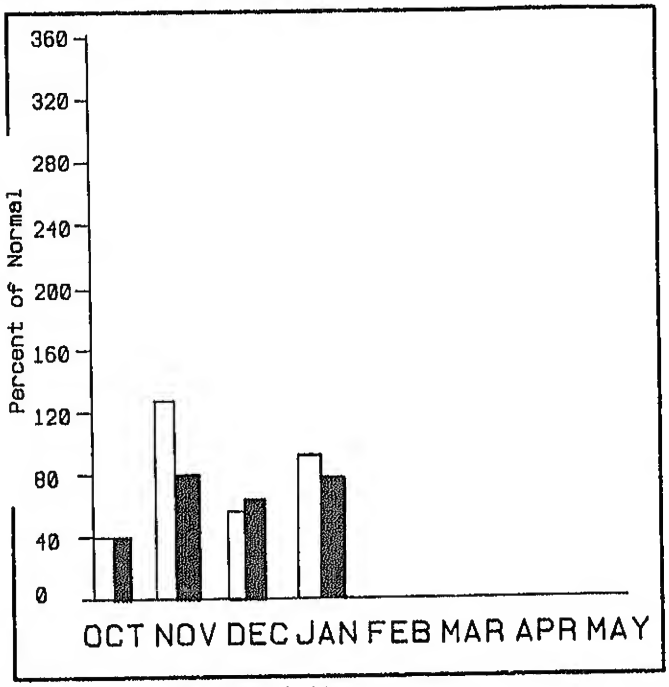
Mountain snowpack* (inches)



* Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



* Based on selected stations

Monthly precipitation
Year to date precipitation

WATER SUPPLY OUTLOOK

Snowpack conditions improved during January to near average across the Basin. Conditions in Southern Colorado showed more improvement. As a result, the forecasts on the Rio Grande Mainstem moved into the above average category. An intense storm moved into the Basin during the first few days of February. Snowfall depths of several feet have been reported over large areas of the Upper Basin.

For more information contact your local Soil Conservation Service office.

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
RIO GRANDE nr Del Norte 2	APR-SEP	565	111	625	505	795	335	510
CONEJOS RIVER blw Platoro Res 2	APR-SEP	75	114	81	68	100	50	66
CONEJOS RIVER nr Mogote 2	APR-SEP	230	113	250	210	330	130	204
COSTILLA CREEK nr Costilla 2	MAR-JUL	25	114	31	19.7	41	8.9	22
RED RIVER bl Fish Hatchery nr Questa	MAR-JUL	36	109	37	34	60	14.6	33
RIO HONDO near Valdez	MAR-JUL	17.5	107	19.3	15.7	32	7.1	16.3
RIO PUEBLO de TAOS nr Taos	MAR-JUL	16.5	105	22	11.3	27	6.0	15.7
RIO PUEBLO de TAOS bl Los Cordovas	MAR-JUL	33	103	44	22	66	13.2	32
RIO CHAMA blw El Vado Dam 2	MAR-JUL	250	110	280	220	420	80	227
SANTA CRUZ RIVER at Cundiyo	MAR-JUL	15.0	96	17.2	12.8	29	6.0	15.6
RIO GRANDE at Otowi Bridge 2	MAR-JUL	825	123	940	710	1640	450	672
SANTA FE RIVER nr Santa Fe 2	MAR-JUL	4.0	100	4.8	3.2	7.0	1.6	4.0
JEMEZ RIVER nr Jemez	MAR-JUL	40	91	43	36	66	16.2	44
RIO GRANDE FLOODWAY at San Marcial 2	MAR-JUL	645	133	745	545	1360	295	485

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
ABIQUIU	554.5	187.8	182.4	27.6
CABALLO	331.5	107.0	219.7	56.7
COCHITI	502.3	50.9	222.0	39.4
COSTILLA	16.0	4.8	5.0	4.7
EL VADO	186.3	165.0	119.0	50.4
ELEPHANT BUTTE	2110.3	2023.0	2091.9	566.0
HERON	400.0	365.0	392.0	189.8

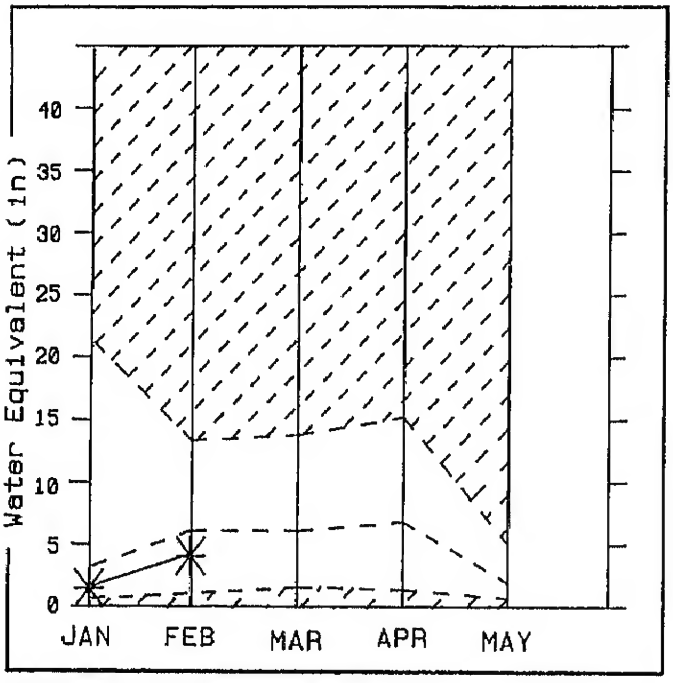
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
RIO GRANDE BASIN	21	80	91

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

San Francisco-Gila River Basin

Mountain snowpack* (inches)



*Based on selected stations

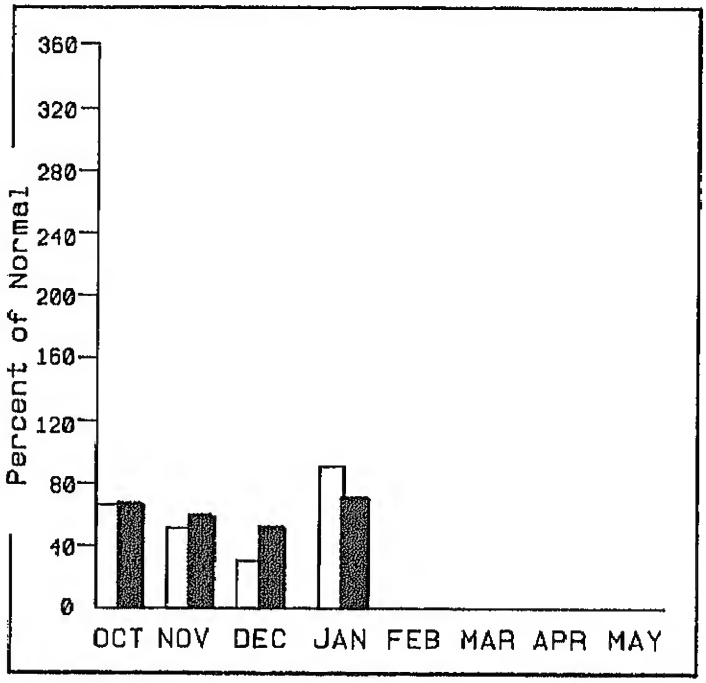
Maximum

Minimum

Average

Current

Preciptation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK

Snowpack conditions in the Basin have improved somewhat but remain in the below average category at 82 percent of average. Dry conditions for the Water Year have resulted in low soil moisture conditions. Streamflow volume forecasts for the Basin remain in the much below average category. The storm during the first few days of February did little to improve the snowpack in the Basin.

For more information contact your local Soil Conservation Service office.

SAN FRANCISCO - GILA RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
GILA RIVER at Gila	FEB-MAY	40	63	69	19.5	99	16.1	63
GILA RIVER near Virden	FEB-MAY	50	60	91	26	134	20	83
SAN FRANCISCO RIVER at Glenwood	FEB-MAY	25	64	43	14.4	69	10.2	39
SAN FRANCISCO RIVER at Clifton	FEB-MAY	55	65	92	31	132	22	84

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.

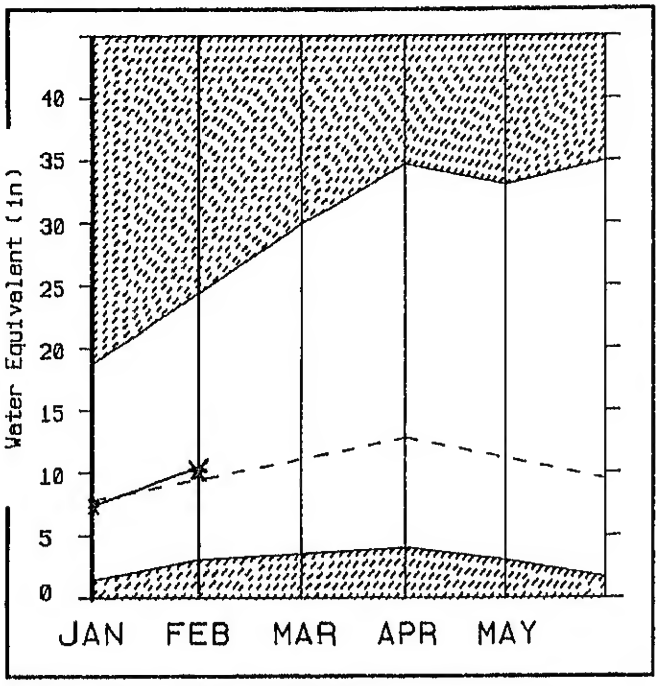
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
SAN FRANCISCO - GILA RIVE	11	61	82

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

San Juan River Basin

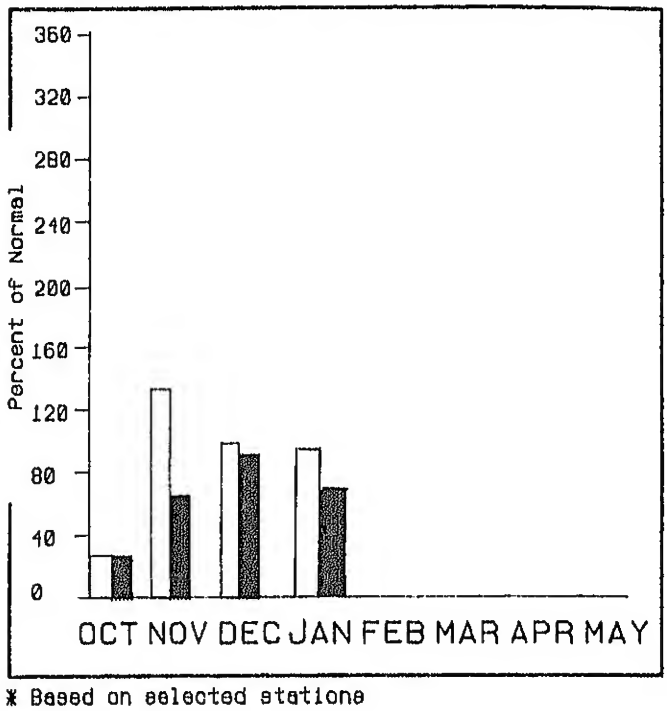
Mountain snowpack* (inches)



* Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



* Based on selected stations

Monthly precipitation
Year to date precipitation

WATER SUPPLY OUTLOOK

Snowpack in the Basin remains in the near normal range. Streamflow volume forecasts range from 95 percent of average for the San Juan River nr Archuleta to 107 percent of average for the La Plata River at Hesperus. Streamflow forecasts previously published as inflow to Navajo Reservoir are now published as San Juan River nr Archuleta. Only the name of the forecast point has changed.

For more information contact your local Soil Conservation Service office.

SAN JUAN RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SAN JUAN RIVER nr Archuleta 2	APR-JUL	730	96	775	690	1100	440	764
ANIMAS RIVER at Durango	APR-SEP	500	103	525	475	695	305	486
LA PLATA RIVER at Hesperus	APR-SEP	29	107	31	28	43	15.0	27

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
NAVAJO	1696.0	1136.0	1060.0	916.0

WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
SAN JUAN RIVER BASIN	17	108	103

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

SNOW DATA MEASUREMENTS

FEBRUARY 1989

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
NEW MEXICO						
ALAMITOS	9800	2/01/89	25	3.8	6.4	4.4
BATEMAN SNOTEL	9800	2/01/89	---	6.5	10.1	7.6
BATEMAN	9800	2/01/89	30	5.4	8.5	7.6
BIG TESUQUE	10000	1/31/89	19	4.2	5.3	4.0
BITTER CREEK	8800	1/26/89	11	1.8	5.1	4.0
BOWL CANYON	8980	2/01/89	29	7.1	8.2	6.2
CHAMA DIVIDE	7750	1/25/89	14	1.9	4.1	3.0
CHAMITA SNOTEL	8500	2/01/89	---	6.1	9.3	5.7
CHAMITA	8500	1/25/89	31	5.9	7.5	6.2
ELK CABIN	8250	2/01/89	11	2.5	4.8	2.9
EMORY PASS #2	7800	2/01/89	1	.6	4.0	1.3
FRISCO DIVIDE SNOTEL	8000	2/01/89	---	3.1	4.7	2.0
FRISCO DIVIDE	8000	1/30/89	8	2.0	4.5	2.4
GALLEGOS PEAK SNOTEL	9500	2/01/89	---	6.4	5.9	6.9
GALLEGOS PEAK	9500	2/01/89	27	6.4	6.8	7.0
HEMATITE PARK	9500	1/27/89	20	3.4	3.4	3.1
HIDDEN VALLEY	8480	1/30/89	26	6.8	6.6	--
HOPEWELL SNOTEL	10000	2/01/89	---	12.2	12.0	10.0
HOPEWELL LAKE	10000	1/31/89	47	12.2	12.1	11.5
HUMMINGBIRD	10550	2/04/89	30	7.5	15.0	10.7
LA CUEVA	8700	1/30/89	11	1.3	6.6	4.9
LOOKOUT MTN SNOTEL	8150	1/30/89	10	3.0	3.7	3.6
MCKNIGHT CABIN	9300	1/27/89	10	2.2	7.0	3.7
MOGOLLON	7000	2/01/89	0	.0*	--	1.1
NORTH COSTILLA SNTL	10600	2/01/89	---	5.4	2.9	2.0
NORTH COSTILLA	10600	1/26/89	21	4.8	2.4	3.6
OJO REDONDO	8200	1/30/89	19	4.3	4.0	4.4
PALO	9300	1/27/89	27	5.5	4.9	5.4
PANCHUELA SNOTEL	8300	2/01/89	---	2.3	4.0	3.5
PANCHUELA	8300	1/27/89	13	1.9	4.0	3.2
PAYROLE	10000	1/31/89	30	6.7	7.2	6.1
POST OFFICE FLAT	8400	1/30/89	16	4.2	3.9	3.2
QUEMAZON SNOTEL	9300	2/01/89	---	5.8	7.0	7.2
QUEMAZON	9300	1/30/89	25	4.0	6.8	6.1
RED R PASS #2 SNOTEL	9800	2/01/89	---	4.8	4.2	4.0
RED RIVER PASS #2	9800	1/27/89	24	5.0	4.4	4.2
REDSTONE TRAIL	8600	2/01/89	---	4.5*	--	6.1
RICE PARK	8500	1/30/89	23	5.4	5.6	4.6
RIO EN MEDIO	10300	TA/OS/89	25	5.0	6.1	6.3
SAN ANTONIO SINK	9200	1/27/89	32	6.0	4.8	5.4
SANDOVAL	9500	1/30/89	24	3.1	5.6	4.9
SENORITA DIVIDE #1	8780	1/30/89	32	5.5	8.6	6.3
SENORITA DVD #2 SNTL	8600	1/30/89	---	5.2	11.9	6.1
SENORITA DIVIDE #2	8600	1/30/89	32	6.7	9.1	6.5
SIERRA BLANCA	10280	1/27/89	34	10.8	13.1	--
SIGNAL PEAK SNOTEL	8360	2/01/89	---	4.0	7.8	6.4
SILVER CREEK SNOTEL	9070	2/01/89	---	6.6	10.0	9.9
SILVER CREEK DIVIDE	9070	2/01/89	---	6.6*	10.0	7.2
STATE LINE	8000	1/30/89	9	1.9	5.5	2.7
TAOS CANYON	9000	1/27/89	21	4.3	4.1	3.5
TAOS POWDERHORN	11250	1/30/89	68	17.6	--	14.3
TRES RITOS	9000	2/01/89	18	4.4	2.5	4.0
WESNER SPRINGS	11120	1/30/89	32	6.2	9.8	14.0
WHISKEY CREEK	9050	2/01/89	27	7.7	8.4	6.8
WHITEWATER	10750	2/04/89	60	15.0	19.5	14.0

The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

State

New Mexico State Engineer
New Mexico Department of Game and Fish
Interstate Stream Commission

Federal

U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service

U.S. Department of Commerce
- NOAA, National Weather Service

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service
- Bureau of Indian Affairs

U.S. Department of Defense
- Army Corps of Engineers
- Los Alamos National Laboratory

Local

Public Service Company of New Mexico
City of Las Vegas
Village of Ruidoso
Zuni Tribe
Bluewater-Toltec Irrigation District
Costilla Land Company
Navajo Tribe
Ramah Valley Acequia

Private

Moreno Ranch
Vermejo Ranch

Other organizations and individuals furnish information for the snow survey reports. Their cooperation is gratefully acknowledged.